

MERIONETH COUNTY COUNCIL

PUBLIC HEALTH
REPORT

FOR THE YEAR

1960

Medical Department,
County Offices,
Dolgellau.

W. F. GAPPER, B.Sc.,
M.B., Ch.B., D.P.H.,
Medical Officer of Health

MERIONETH COUNTY COUNCIL

**PUBLIC HEALTH
REPORT**

FOR THE YEAR

1960

*Medical Department,
County Offices,
Dolgellau.*

**W. F. GAPPER, B.Sc.,
M.B., Ch.B., D.P.H.,**
Medical Officer of Health

*Medical Department,
County Offices,
Lombard Street,
DOLGELLAU.*

*To : The Chairman, Aldermen and
Councillor of the Merioneth
County Council.*

Mr. Chairman, Ladies and Gentlemen,—

I have the honour to submit the Annual Report for the year ended 31st December, 1960.

During this year Dr. Gapper, the County Medical Officer of Health was away for a considerable period owing to ill health and to the great regret of all members of the Health Department died in December.

The population as estimated by the Registrar General continued the upward trend of the previous year, a factor which it is hoped will continue.

The number of live births was increased by 18, and the infant mortality rate was lower than that of England and Wales and of Wales alone.

There was no Maternal Mortality during the year.

Deaths from Tuberculosis were increased, but the death rate was still under half of the general level obtaining 5 years ago and previously.

The number of deaths from cancer remained at much the same level as the previous year.

There was an epidemic of measles during the year, but only sporadic cases of whooping cough and scarlet fever.

The coming into force of the Mental Health Act, 1959, during the year, marked the end of an epoch. This new legislation reflects the desirability of integrating the mentally disordered person into the community and consequently a far larger share of the responsibility for this descends on the shoulders of the Local Authority.

I am grateful to the County Council members and especially the members of the Health Committee for their support and encouragement.

I wish to record my thanks to the General Practitioners, other County Council departments, voluntary workers and members of my department for their helpful co-operation.

I am,

Your obedient Servant,

EVAN RICHARDS,

County Medical Officer of Health

December, 1961.

HEALTH COMMITTEE

Chairman : Alderman E. Elias Jones

Vice-Chairman : Councillor Mrs. Gwyneth Evans.

Chairman and Vice-Chairman of the County Council.

Aldermen :

R. R. Davies.	R. D. Jones
Thomas E. Jenkins	

Councillors :

W. T. Evans.	J. Llewelyn Owen
R. O. Griffith	H. O. Powell
R. P. Lloyd-Griffith	Miss Annie Roberts
J. S. Jones	J. Arthur Williams
O. T. Jones	Lewis Williams
Rev. Cadvan Jones	Rev. T. Alun Williams
W. A. Meredith	W. R. Webb

**Members of the Care Committee, Home Help and Nursing
Sub-Committee :**

Aldermen :

R. R. Davies	Evan Elais Jones
T. E. Jenkins	R. D. Jones

Councillors :

Mrs. G. Evans	W. A. Meredith
R. O. Griffith	Alun M. Roberts
R. P. Lloyd-Griffith	J. Arthur Williams
Rev. Cadvan Jones	Rev. T. Alun Williams

PUBLIC HEALTH OFFICERS OF THE AUTHORITY

Whole Time Officers :

County Medical Officer of Health and Principal School Medical Officer :

W. F. Gapper, B.Sc., M.B., Ch.B., D.P.H.
(Deceased December, 1960)

District Medical Officer of Health and Assistant County Medical Officer of Health :

Evan F. W. Richards, M.R.C.S., L.R.C.P., D.P.H.

Assistant County Medical Officer of Health and School Medical Officer :

Wateyn R. Williams, B.Sc., M.B., B.Ch., D.T.M. & H., D.P.

Superintendent Nursing Officer :

Mrs. Eleanor Owen, S.R.N., S.C.M., Q.S., H.V.

Assistant to the Superintendent Nursing Officer :

Mrs. K. Mills Jones, S.R.N., S.C.M., Q.S., H.V.
(Resigned March, 1960)

Dental Surgeons :

E. Clwydwyn Jones, L.D.S.
Brynle Hughes, L.D.S.

Dental Attendants :

Mrs. M. Davies
Miss Gwyneth Leeds (Resigned March, 1960)
Miss Eira E. Parker (Appointed April, 1960)

School Nurse :

Miss Olwen Gittins, S.R.N., S.C.M., Q.S., H.V.

Tuberculosis Health Visitor :

Miss Margaret W. Evans, S.R.N., S.C.M., Q.S., H.V.

Health Visitors and District Nurse/Midwives

Miss M. E. Davies	..	..	..	Dyffryn Ardudwy	
Mrs. Ella M. Hughes	..	..	..	Blaenau Ffestiniog	
Mrs. C. Evans	..	..	..	Dinas Mawddwy	(Retired January, 1960)
Miss A. J. Evans	..	..	..	Celynin	
Miss A. Fielding	..	..	..	Blaenau Ffestiniog	
Miss Eluned Griffiths	..	..	..	Corris	
Mrs. Enid Evans	..	..	..	Dinas Mawddwy	(Appointed February, 1960)
Miss M. P. Griffith	..	..	..	Harlech	
Miss S. C. Griffith	..	..	..	Barmouth	
Miss Gwen Morgan Jones	..	..	..	Bala	
Miss Megan Jones	..	..	..	Corwen	
Mrs. C. Downes	..	..	..	Corwen	
Miss A. E. Parry	..	..	..	Penrhyndeudraeth	
Miss Ceridwen Roberts	..	..	..	Llan Ffestiniog	
Miss Jane M. P. Evans	..	..	..	Trawsfynydd	(Appointed October, 1960)
Mrs. E. M. Roberts	..	..	..	Trawsfynydd	(Retired October, 1960)
Miss F. A. Catherwood	..	..	..	Towyn	
Miss M. H. Roberts	..	..	..	Dolgellau	(resigned August 1960)
Miss Glenys Jones	..	..	..	Relief Nurse	
Miss C. P. Thomas	..	..	..	Aberdovey	
Miss Mair W. Evans	..	..	..	Barmouth	
Miss G. Hughes	..	..	..	Relief Nurse	

Ambulance Officer :

Idris Lloyd Williams

Clerical Staff :

Miss M. J. Jones (Retired January, 1960)
 Mr. H. Devey
 Miss E. Eirianwy Roberts
 Miss E. Wyn Jones
 Miss M. Elwen P. Evans
 Miss Iola Jones
 Miss Mair Thomas (Resigned January, 1960)
 Mrs. Mena Reed (Appointed March, 1960)
 Mr. Brian Jones.

Part-time Officers

The following were the Medical Officers of the Infant Welfare Centres :—

Abergynolwyn	Dr. E. F. W. Richards (Assistant C.M.O.H.)
Aberdovey	Dr. T. Tibbott Davies
Bala	Dr. M. P. Jones
Barmouth	Dr. Merfyn Jones
Corris	Dr. H. C. Pierce
Corwen	Dr. D. G. Roberts
Dolgellau	Dr. H. D. Owen
Dyffryn Ardudwy	Dr. Merfyn Jones
Blaenau Ffestiniog	Dr. D. Whitaker
Harlech	Dr. C. Austin
Llan Ffestiniog	Dr. D. M. Evans
Penrhyndeudraeth	Dr. C. C. M. Watson
Towyn.. .. .	Dr. J. H. M. Lloyd
Trawsfynydd	Dr. Gwennie Williams

Ophthalmic Surgeons :

G. L. Harper, Abergel.
T. G. Wynne Parry, Bangor.
G. Lazzlo, Bangor
Mrs. Enid Hughes, Ruthin
Mrs. Davies Thomas, Aberystwyth

Ear, Nose and Throat Specialists :

John Roberts, Bangor
R. Barraclough, Wrexham.

Orthopaedic Surgeon :

Rowland Hughes, F.R.C.S., Robert Jones and Agnes Hunt
Orthopaedic Hospital, Gobowen

Mental Health Service :

J. H. O. Roberts, M.D. (Lond.), D.P.M.
G. Williams, M.D. (Lond.), D.P.M.
Psychologists : Dr. E. Simmons and Dr. G. A. V. Morgan
Psychiatric Social Worker : Miss P. M. Hammond,

Duly Authorised Officers :

Mr. Ieuan Ll. Roberts
Mr. W. G. Williams
Mr. T. P. Jones
Mr. I. O. R. Jones

Consulting Obstetricians :

O. Vaughan Jones, M.D., F.R.C.S., F.R.C.O.G.
J. Gardiner Wigley.

Consulting Paediatrician :

Gwyn R. Griffith, M.D., F.R.C.P., D.P.H., D.C.H.

Chest Physicians :

G. O. Thomas, M.D. Glyn Jones, M.D.
E. Clifford Jones, M.B., B.S., M.R.C.S.

Consulting Venereologist :

H. Vernon Williams, M.R.C.S., L.R.C.P.

Officers of the County Council :

Clerk of the County Council		D. W. Jones-Williams
Deputy Clerk of the County Council		I. Lloyd Jones
County Treasurer		A. A. Hemphill
County Architect		N. Ll. Jones
Chief Inspector of Food and Drugs	..	R. T. Edwards
Public Analyst		John Graham Sherratt
Children's Officer		Mrs. A. Humphrey Jones
Welfare Officer		T. E. Jones

EXTRACTS FROM VITAL STATISTICS

Registrar General's estimated population for mid-year 1960 : 39,1
1951 Census 41,456

	<i>Total M F</i>			
Live Births.. . . .	590	302	288	Birth rate per 1,000 estimated population 15.07
Birth rate England & Wales				17.1
Illegitimate Live Births	26	9	17	per cent of Total Live Births : 4.41
Still Births	8	6	2	Rate per 1,000 Total Live and Still Births 13.39
Still Births—England & Wales				19.8
Total Live and Still Births..	598	308	290	
Infant Deaths (deaths under 1 year)	10	7	3	Infant mortality rate per 1,000 live births 16.94
Infant Mortality Rate for England and Wales . .				21.9
Infant Mortality Rate for Wales				25
Deaths—legitimate Infants	8	6	2	Infant mortality rate per 1,000 of legitimate infants : 14.18
Deaths—illegitimate Infants	2	1	1	Infant mortality rate per 1,000 illegitimate infants : 76.92
Neo-natal deaths (first four weeks)	7	4	3	Neo-natal mortality rate per 1,000 live births : 11.86
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)	6	3	3	Rate—10.17
Neo-natal Mortality (under 4 weeks of age) England and Wales				15.6
Peri-natal Mortality Rate				23.41
Maternal deaths (including abortion).. . . .				Nil
Maternal mortality rate per 1,000 live and still-births				Nil
Maternal mortality England and Wales				0.39
Illegitimacy Rate was 0.66 per 1,000 live births				

TABLE I.

giving the population in 1960 (estimated) and the population as enumerated at the Census 1951, rateable value, and the product of a penny rate in the county, and the several County Districts.

	Population (estimated) by Registrar General 1960	Population Census 1951	Rateable value as at 1.4.61	Estimated Product of a penny rate as at 1.4.61
County of Merioneth	39,140	41,456	£ 369,187	£ 1,415
Total Urban Districts :	17,290	17,634	177,382	677
Total Rural Districts	21,850	23,822	191,805	738
Urban Districts :				
Bala	1,580	1,508	16,195	63
Barmouth	2,310	2,466	34,805	134
Dolgellau	2,480	2,246	27,188	104
Ffestiniog	6,600	6,923	51,664	189
Towyn	4,320	4,491	47,530	187
Rural Districts :				
Deudraeth	6,720	7,131	68,790	268
Dolgellau	8,250	9,666	79,089	305
Edeyrnion	4,150	4,195	30,549	116
Penllyn	2,730	2,830	13,377	49

TABLE II.

Population :

Population of the County, the total Urban and Rural Districts, and of the several County Districts for the years 1956-60.

	1956	1957	1958	1959	1960
County of Merioneth . . .	40,580	39,080	38,100	38,600	39,140
Total Urban Districts	17,100	16,970	16,900	17,240	17,290
Total Rural Districts	23,480	22,110	21,200	21,360	21,850
Urban Districts :					
Bala	1,570	1,560	1,550	1,550	1,580
Barmouth	2,330	2,310	2,300	2,310	2,310
Dolgellau	2,409	2,480	2,470	2,470	2,480
Ffestiniog	6,540	6,490	6,430	6,550	6,600
Towyn	4,170	4,130	4,150	4,360	4,320
Rural Districts :					
Deudraeth	6,640	6,600	6,580	6,670	6,720
Dolgellau	9,900	8,670	7,820	7,900	8,250
Edeyrnion	4,080	4,090	4,080	4,070	4,150
Penllyn	2,860	2,750	2,720	2,720	2,730

TABLE III.

Giving the principal causes of deaths, with the numbers in the County, Urban and Rural Districts, with percentage of the total deaths in 1960.

Col. 1	Number of deaths 1960			Deaths in Urban Dist- riets	Deaths in Rural Dist- riets	Percen- tage of total deaths in 1960
	Total	Males	Fe- males			
	2	3	4	5	6	7
Heart Diseases	178	86	92	69	109	31.61
Other diseases of the circulatory system	29	14	15	13	16	5.15
Cancer	91	41	50	38	53	16.16
Vascular lesions of the nervous system ..	111	38	73	55	56	19.71
Nephritis and Neph- rosis	9	6	3	5	4	1.59
Pulmonary Tuber- culosis	9	6	3	8	1	1.59
Bronchitis	31	24	7	18	13	5.50
Pneumonia	9	6	3	5	4	1.59
Influenza	1	1	—	1	—	0.17

TABLE IV.

Showing the total number of deaths, and for each sex, in the County Districts, with therates per 1,000 of population for 1960 and for the previous nine years.

	1960 Number of deaths			Death Rate per 1,000 population 1960	Death rates per 1,000 of population									
	Males	Females	Total		1951	1952	1953	1954	1955	1956	1957	1958	1959	
Col. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	
England and Wales ..	269,175	25,100	526,275	11.5	12.5	11.3	11.4	11.3	11.7	11.7	11.5	11.7	11.6	
County of Merioneth ..	278	285	563	14.38	15.81	13.64	14.05	14.58	14.28	13.79	13.97	15.33	14.11	
Total Urban Districts ..	127	127	254	14.69	16.92	13.96	14.70	15.13	14.94	16.08	13.61	15.44	14.96	
Total Rural Districts ..	151	158	309	14.14	14.98	13.44	13.56	14.16	13.77	12.13	14.20	15.23	13.43	
Urban Districts :														
Bala ..	12	15	27	17.08	14.79	16.61	15.18	14.0	19.87	15.28	13.46	16.12	13.54	
Barmouth ..	10	15	25	10.82	14.79	15.72	14.22	17.57	15.45	16.31	15.58	15.22	17.31	
Dolgellau ..	14	20	34	13.71	16.57	11.16	13.10	11.07	14.34	12.04	14.11	11.34	13.76	
Ffestiniog ..	64	51	115	17.42	19.94	15.47	16.59	18.62	15.41	18.96	14.17	19.13	16.94	
Towyn ..	27	26	53	12.26	14.29	11.17	12.94	11.29	12.59	14.16	11.37	12.05	11.92	
Rural Districts :														
Deudraeth ..	50	64	114	16.96	17.35	17.79	16.78	18.37	16.73	16.11	19.09	18.39	14.54	
Dolgellau ..	54	53	107	12.97	11.71	10.44	11.53	10.47	11.81	8.78	11.64	14.58	12.53	
Edeyrnion ..	26	32	58	13.97	16.26	12.61	14.07	17.96	15.96	14.21	14.42	14.70	16.46	
Penllyn ..	21	9	30	10.98	17.15	12.45	9.65	10.00	10.53	11.54	10.18	10.29	8.82	

TABLE V. CANCER

Giving the number of cases, male and female, whose deaths have been registered from this cause, together with rate per 1,000 estimated population for 1960, and five previous years.

	Col 1	Number of deaths			Death Rate per 1,000 of population 1960	Death rates per 1,000 of estimated population in the years				
		1960		Total		1955	1956	1957	1958	1959
		Males	Fe- males							
County of Merioneth										
	..	38	50	88	2.22	2.35	2.76	2.15	2.81	2.15
Total Urban Districts										
	..	12	24	36	2.08	2.42	2.56	2.12	2.96	2.26
Total Rural Districts										
		26	26	52	2.38	2.29	2.17	2.17	2.69	2.06
Urban Districts :										
Bala	..	1	2	3	1.89	3.31	2.55	1.28	3.22	3.22
Barmouth	..	2	3	5	2.16	2.58	3.43	1.29	3.48	2.60
Dolgellau	..	—	4	4	1.61	1.59	2.41	2.01	1.21	1.62
Ffestiniog	..	6	12	18	2.72	2.41	4.43	2.15	3.89	3.05
Towyn...	..	3	3	6	1.39	2.52	3.35	2.90	2.17	0.91
Rural Districts :										
Deudraeth	..	5	9	14	2.08	2.56	3.16	2.42	2.89	2.09
Dolgellau	..	16	8	24	2.91	1.99	1.51	2.31	2.81	2.53
Edeyrnion		4	9	13	3.13	2.19	3.18	1.22	2.69	1.47
Penllyn	..	1	—	1	0.36	2.81	0.70	2.55	1.84	1.47

TABLE VI.

The following Table gives the sites of Cancer and the number who died (male and female) in each Sanitary District in the County in 1960.

	Cancer of uterus		Cancer of stomach		Cancer of breast		Cancer of lung and bronchus		Cancer of all other sites		Total both sexes
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
<i>Col. 1</i>	2	3	4	5	6	7	8	9	10	11	12
County of Merioneth	—	2	8	11	—	10	11	3	19	24	88
Total Urban Districts	—	—	3	6	—	4	4	1	5	13	36
Total Rural Districts	—	2	5	5	—	6	7	2	14	11	52
Urban Districts :											
Bala	—	—	—	1	—	—	—	—	1	1	3
Barnouth	—	—	1	—	—	1	1	—	—	2	5
Dolgellau	—	—	—	1	—	1	—	—	—	2	4
Ffestiniog	—	—	1	4	—	1	3	1	2	6	18
Towyn	—	—	1	—	—	1	—	—	2	2	6
Rural Districts :											
Deudraeth	—	—	1	1	—	3	2	1	2	4	14
Dolgellau	—	—	3	2	—	2	4	—	9	4	24
Edeyrnion	—	2	1	2	—	1	1	1	2	3	13
Penllyn	—	—	—	—	—	—	—	—	1	—	1

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Laboratory Facilities :

The Public Health Laboratory at Aberystwyth and Conway continued to give excellent service during the year. Notice has been received that the Laboratory at Aberystwyth will be closed at the end of the year and arrangements have been made for sanitary specimens previously sent to Aberystwyth to be sent to the Public Health Laboratory, Royal Salop Infirmary, Shrewsbury.

Ambulance :

Mr. Elwyn T. Griffiths was appointed as a full-time Ambulance Driver at Penrhyndeudraeth, and commenced duties in April, 1960.

The Council authorised the purchase of two new Omnivan Ambulances which were delivered during October.

A garage at Wynn's Avenue, Blaenau Ffestiniog was purchased by the Council with a view to converting it into an ambulance depot.

AMBULANCE SERVICE

Work carried out by the Ambulance Service during the year 1960

Station :	No. of am- bulances	No. of Utilecons	Own Sitting- case car	Full- time Drivers	Part- time Drivers	Stretcher cases	Sitting Cases	Total Patients	Journeys	Mileage
Dolgellau :										
Ambulances	4	—	1	4	—	553	1723	2276	897	86497
Own S/C Car	..	..	..	..	..	..	512	512	251	9447
Blaenau Ffestiniog	3	—	—	3	—	560	2866	3426	1100	57826
Corwen	1	—	—	—	1	79	717	796	274	18159
Penrhyndeudraeth	1	—	—	1	—	112	893	1005	306	19819
Towyn..	1	—	—	—	1	173	717	890	392	16209
Barnmouth	1	—	—	—	1	132	392	524	223	17086
Bala	1	—	—	—	1	134	609	743	268	18559
Total	12	—	1	8	4	1743	8429	10172	3711	243632

HIRED-SITTING-CASE CARS

1958			1959			1960		
Journeys	Patients	Mileage	Journeys	Patients	Mileage	Journeys	Patients	Mileage
84	164	1394	60	108	1163	*123	*213	*3235

* The figures for 1960 include nine journeys to and from Manchester totalling 1394 miles which are

Total number of patients, journeys and mileage for 1960 by County Council vehicles and "sitting-case" cars, with comparative figures for 1958 and 1959.

	1958	1959	1960
Total Patients.. ..	10,207	9,698	10,385
Total Journeys	3,548	3,497	3,834
Total Mileage	218,461	225,296	246,857

Patients conveyed to distant hospitals and towns :—

<i>Destination</i>	<i>No. of Patients</i>	<i>Journeys</i>	<i>Mileage</i>	<i>Ambulance Station</i>
Birmingham	2	2	544	Dolgellau
Leitchley	1	1	374	Bl. Ffestiniog
Cardiff ..	1	1	340	Bl. Ffestiniog
Cardiff ..	3	1	314	Dolgellau
Armarthen	2	1	208	Dolgellau
Liverpool ..	66	34	6445	Dolgellau
Liverpool ..	90	40	6858	Bl. Ffestiniog
Liverpool ..	4	2	391	Barmouth
Liverpool ..	10	5	906	Penrhyndeudraeth
Llandrindod Wells ..	4	1	217	Bl. Ffestiniog
Llandrindod Wells ..	29	10	1953	Dolgellau
Manchester	21	14	3358	Dolgellau
Manchester	7	4	918	Bl. Ffestiniog
Manchester	4	3	456	Corwen
Wansea ..	1	1	246	Dolgellau
Louthport ..	1	1	235	Bl. Ffestiniog
	246	121	23763	

Patients conveyed by rail during the year 1960 :

Seven patients were conveyed by rail :—

Birmingham	1
London	1
Llandudno	1
Oswestry	2
Manchester	2

Merioneth patients conveyed by Other Authorities during the year 1960 :—

<i>Authority :</i>	<i>Stretcher Cases</i>	<i>Ambulance Journeys</i>	<i>Ambulance Mileage</i>	<i>Sitting Cases</i>	<i>Sitting Car Journeys</i>	<i>Sitting Car Mileage</i>
Denbighshire ..	6	6	192	3	3	101
Montgomeryshire	7	7	258	20	17	336
	13	13	450	23	20	437

Patients conveyed by Merioneth Ambulances on behalf of other Authorities during the year 1960 :—

<i>Authority :</i>	<i>Stretcher Cases</i>	<i>Sitting Cases</i>	<i>Total Patients</i>	<i>Journeys</i>	<i>Mileage</i>	
					<i>Ambulances</i>	<i>Sitting Cases</i>
Caernarvonshire County Council	46	17	63	50	1945	85
Merioneth Education Committee	—	39	39	16	—	2980
Merioneth Welfare Committee	—	8	8	1	—	151
Glamorgan County Council	—	1	1	1	—	220
Cheshire County Council	—	1	1	1	—	8
	46	66	112	69	1945	353
Local Mines and Chemical Factory	3	—	3	3	10	—

Total number of patients removed by County Council vehicles, hired "sitting-case" cars, train and other Authorities :—

	1958	1959	1960
Patients	10,248	9,722	10,428
Journeys	3,587	3,517	3,874
Mileage	221,540	226,784	248,484

Venereal Diseases

One clinic is held in the County at Blaenau Ffestiniog Hospital by a Consultant from Bangor.

HOUSING FOR THE ELDERLY

The County Council is enabled to subsidise accommodation for elderly persons and there is a general awareness of this fact among the County District Councils most of whom have plans to provide bungalows in the near future.

SCHEME FOR WATER SUPPLIES AND SEWERAGE

The County Council resolved during the 1960/61 Financial Year to make the following provisional grants to the various District Councils towards schemes submitted by the Councils (payable half-yearly over 30 years).

—————NIL—————

NURSING IN THE HOMES, MIDWIFERY and HEALTH VISITING

Home Nursing

It will be seen from Table XX that there was a slight decrease in the number of patients visited, also in the number of visits made compared with the previous year. Of the 36,395 visits paid to patients during the year, 14,267 were for the purpose of giving injections.

Midwifery

Only 69 babies out of a total of 590 were born at home. 1 were born in Institutions within the County while 333 were born outside the County. All midwives were qualified to administer Chloroform and Air analgesia and each is provided with the necessary apparatus.

Health Visiting

Table XIX shows the number of visits paid by the Health Visitors. The total number of Health Visits paid to children under five years of age was 8,905 which is an encouraging increase of 10.6% on the previous year.

SOCIAL WELFARE

The Welfare Officer is in charge of the Welfare Department, and is responsible to the County Council through the Welfare committee. Welfare schemes for the aged, blind, deaf and other disabled persons are being run by the County Council. There are three Homes for the Aged at Barmouth, Bala and Towyn respectively and part of Bronygarth, Penrhyndeudraeth is available for the aged.

A Teacher for the Blind visits all registered blind persons, of whom there were 89 on the register at the end of the year. A Visitor/Craft Instructor teaches handicrafts to the disabled. The North Wales Society for the Blind and the Chester and North Wales Deaf and Dumb Society co-operate with the Welfare Department.

The Children's Officer is responsible to the Children's Committee for children committed to the care of the Council, etc. The Council has one Children's Home at Llan Ffestiniog. There has been close co-operation between Officers of the Welfare and Children's Departments and the Health Department.

The Care Committee, a sub-Committee of the Health Committee, provides assistance in kind to the sick and ailing. In the financial year 1960/61 the Committee spent £2,377 on after-care.

The Voluntary Old People's Welfare Committee under the auspices of the Merioneth Social Services Committee provided assistance to a few needy cases, as well as a Chiropody Service throughout the county up to the 1st July when the Service was taken over by the County Council.

Chiropody Service

On the 1st July, 1960, the County Council took over the chiropody Service which had previously been run by the Merioneth Rural Community Council. This Service provides for Chiropody treatment for the elderly, expectant mothers and physically handicapped people at clinics held throughout the County. The days and places of the clinics are as follows:—

CHIROPODY CLINICS

<i>Centre :</i>	<i>Clinic :</i>	<i>Times :</i>	<i>Day :</i>
Aberdovey	The Institute	10 a.m.-1 p.m. 2 p.m.-5 p.m.	First Thursday following second Wednesday in each month.
Corwen	Aelwyd yr Urdd	9.30 a.m.-3.30 p.m.	First Thursday in each month.
Blaenau Ffestiniog	Isallt Clinic	9.30 a.m.-12.30 p.m. 1.30 p.m.-2.30 p.m.	First Friday in each month. Third Wednesday in each month.
Harlech	Cemlyn	9 a.m.-12 noon. 1 p.m.-2.30 p.m.	Second Wednesday in each month.
Dolgellau	British Red Cross H.Q.	9.30 a.m.-12.30 p.m. 1.30 p.m.-2.30 p.m.	First Wednesday in each month. Third Friday in each month.
Towyn	The Institute	10.30 a.m.-1.15 p.m.	Second Wednesday in each month.
Bala	Hafan Clinic	9 a.m.-3 p.m.	Third Thursday in each month.
Barmouth	Nurse's Surgery	9.30 a.m.-12.30 p.m.	Last Friday in each month.
Penrhyndeudraeth	Linares	By appointment with Chiropodist.	
Llan Ffestiniog	Caban	9.30 a.m.-12.30 p.m.	Fourth Wednesday every other month.
Corris	The Surgery	3 p.m.-6 p.m.	Second Wednesday in each month.
Abergynolwyn	The Institute	10 a.m.-1 p.m.	The Friday following the second Wednesday every other month.
Trawsfynydd	Arwel	9.30 a.m.-12.30 p.m.	The fourth Wednesday every other month

IMMUNISATION AGAINST DIPHTHERIA

Table VII shows the number of children immunised up to the end of the year 1960. The immunity index for children aged 1 to 4 was 60.28 and 16.6 for those under one year of age. The estimated mid-year child population aged 5 to 14 was 5,600 and of these 4,578 (or approximately 81.7%) had been immunised against diphtheria.

VACCINATION AGAINST WHOOPING COUGH

Table VIII shows the number of children vaccinated against Whooping Cough during the year. A total of 330 children under the age of 4 years of age were vaccinated.

VACCINATION AGAINST SMALL-POX

The number of vaccinations against Smallpox is shown on Table IX. 345 Primary Vaccinations and 72 Re-vaccinations were given. Of the Primary Vaccinations, 316 were given to children under the age of 15 years. All these figures compare favourably with those for the previous year.

VACCINATION AGAINST POLIOMYELITIS

Table X gives the figures for Vaccination against Poliomyelitis. From this it will be seen that of children under 4 years, 2,050 had received two injections and 1,583 had received a third injection; in the age group 5-15 years, 5,170 had had two injections, and 4,593 three injections, and in the upper age group 16-26, 1,550 had had two injections and 1,314 three injections. 553 others had had two injections and 238 three injections. These included expectant mothers, ambulance drivers, doctors and doctors' families.

75.9% of children under 4 had received two injections and 58.6% three injections. Of the age group 5-15, 92.3% had received two injections and 82% three injections.

TABLE \ II
IMMUNISATION AGAINST DIPHTHERIA

No. of children immunised								
			Aged under 1	1-4	5-9	10-14	Total	
County of Merioneth			93	1290	2036	2542	5961	
Total Urban Districts			52	618	991	1082	2743	
Total Rural Districts			41	672	1045	1460	3218	
Urban Districts :								
Bala	..	..	9	91	122	136	358	
Barmouth	..	..	17	97	165	175	454	
Dolgellau	..	..	3	74	135	159	371	
Ffestiniog	..	..	12	204	258	378	852	
Towyn	..	..	11	152	311	234	708	
Rural Districts:								
Deudraeth	..	..	14	269	361	501	1145	
Dolgellau	..	..	19	246	386	483	1134	
Edeyrnion	..	..	—	62	158	283	503	
Penllyn	..	..	8	95	140	193	436	

TABLE VIII.

VACCINATION AGAINST WHOOPING COUGH

<i>District</i>	<i>Number of children vaccinated during year ended 31st December, 1960</i>		
	<i>Aged 0-4 yrs</i>	<i>5-14 yrs.</i>	<i>Total</i>
Bala U.D.	19	12	31
Barmouth U.D.	35	2	37
Dolgellau U.D.	19	3	22
Ffestiniog U.D.	26	2	28
Towyn U.D.	37	9	46
Deudraeth R.D.	58	4	62
Dolgellau R.D.	102	7	109
Edeyrnion R.D.	12	1	13
Penllyn R.D.	22	1	23
	330	41	371

TABLE IX. VACCINATION—SMALLPOX—1960

Number of successful primary vaccination							Number of successful re-vaccinations of persons						
Under 1 year of age	1 year	2-4 years	5-14 years	15 yrs and over	Totals		Under 1 year of age	1 year	2-4 years	5-14 years	15 yrs and over	Totals	
Dr. C. Austin	19	—	1	2	22	..	—	—	—	—	1	1	
Dr. C. Jones	7	—	1	—	8	..	—	—	—	—	—	—	
Dr. Roger Davies	15	—	1	1	17	..	—	—	—	—	1	1	
Dr. G. K. Davies..	8	—	—	2	10	..	—	—	—	—	2	2	
Dr. Tibbott Davies	21	3	3	3	33	..	—	1	1	4	20	26	
Dr. R. W. Edwards	2	—	2	5	9	..	—	—	—	—	—	—	
Dr. D. M. Evans	9	2	—	—	12	..	—	—	—	2	3	5	
Dr. I. W. Griffith	2	—	—	—	3	..	—	—	—	—	1	1	
Dr. D. E. Davies	3	—	—	—	3	..	—	—	—	—	—	—	
Dr. M. P. Jones ..	51	1	—	3	57	..	—	—	—	2	5	6	
Dr. I. Merfyn Jones	18	2	2	2	24	..	—	—	—	—	4	1	
Dr. Robert Jones	—	—	—	—	—	..	—	—	—	1	3	4	
Dr. J. H. M. Lloyd	21	1	—	1	24	..	—	—	—	—	4	5	
Dr. James May ..	16	2	3	—	21	..	—	—	1	—	3	3	
Dr. D. M. Maxwell	5	1	—	1	7	..	—	—	—	—	1	1	
Dr. E. H. Morris	—	—	—	—	—	..	—	—	—	—	—	—	
Dr. H. D. Owen	8	—	—	—	8	..	—	—	—	—	—	—	
Dr. W. Pritchard	—	—	1	5	6	..	—	—	—	—	1	1	
Dr. H. C. Pierce	11	—	—	—	11	..	—	—	—	—	1	1	
Dr. O. M. Prichard	7	—	—	1	8	..	—	—	—	1	3	4	
Dr. M. G. Satchwell	18	—	1	1	21	..	—	—	—	—	—	—	
Dr. N. A. Thomas	1	1	5	—	7	..	—	—	—	1	3	4	
Dr. C. C. M. Watson	5	—	—	—	5	..	—	—	—	—	—	—	
Dr. D. Whitaker	4	—	—	2	6	..	—	—	—	—	—	—	
Dr. Gwennie Williams	20	1	—	—	23	..	1	—	—	—	—	1	
Totals	271	11	14	20	29	..	1	1	2	11	57	72	

POLIOMYELITIS VACCINATION—TABLE X

Number vaccinated up to the 31st December, 1960

District	Age group 1956–1960			Age group 1944–1955			Age group 1934–1943			Others	
	Two Inject- ions	No. of those in Col. (2) who received a 3rd injection		Two Inject- ions	No. of those in Col. (4) who received a 3rd injection		Two Inject- ions	No. of those in Col. (6) who received a 3rd injection		Two Inject- ions	No. of those in Col. (8) who received a 3rd injection
Col. 1	2	3		4	5		6	7		8	9
Bala U.D.	118	87		226	212		68	60		25	9
Barnmouth U.D.	122	102	..	281	245	..	141	127	..	41	31
Dolgellau U.D.	149	113	..	408	375	..	150	132	..	55	17
Ffestiniog U.D.	349	264	..	793	683	..	248	217	..	49	29
Towyn U.D.	186	146	..	521	450	..	203	190	..	73	60
Deudraeth R.D.	377	303	..	865	785	..	296	230	..	89	45
Dolgellau R.D.	394	297	..	1021	915	..	262	209	..	175	28
Edeyrnion R.D.	188	140	..	645	571	..	134	110	..	31	15
Penllyn R.D.	167	131	..	410	357	..	48	39	..	15	4
Totals	2050	1583	..	5170	4593	..	1550	1314	..	553	238

MENTAL HEALTH SERVICES

The coming into force of the Mental Health Act, 1959 on the 1st November, 1960, superceded previous legislation and in preparation for this date, a scheme had been drawn out for submission to the Welsh Board of Health. In general, it is as follows, "the authority will make appropriate arrangements for the provision of services to meet the needs of the mentally disordered living in the community and will make the services known to and available to those who are in need of them. In particular, they will provide or cause to be provided centres or other facilities for training in occupation, social clubs, home training, and home visiting services. They will also provide or cause to be provided either on their own or jointly with neighbouring local health authorities, junior training centres, adult training centres and residential accommodation, together in each case with the appointment of appropriate staff.

EPILEPTICS AND SPASTICS

Reports are received periodically from various hospital clinics on Epileptic and Spastic Children. One girl was at the Magh Home for Epileptics during the year.

	Mentally Ill				Psychopath.				Subnormal				Severely Subnormal				Totals			
	Under Age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1. Admissions to Guardianship of L.H.A. or other Guardian during period 1.11.60 to 31.12.60—	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
GUARDIAN																				
(a) Under Sec. 33 } L.H.A.																				
Other } L.H.A.																				
Sec. 41 (2) (b) } L.H.A.																				
from Hospitals } Other																				
Sec. 41 (2) (b) } L.H.A.																				
from Mental } Other																				
Nursing Homes } Sec. 87																				
L.H.A. } L.H.A.																				
Other } Other																				
(b) On Court } L.H.A.																				
Orders Sect. } Other																				
60 or 61 } (c) by direction } L.H.A.																				
of Home Sec. } Other																				
retary Sec. 79 }																				

TABLE XI (Continued)

[illegible]

	Mentally ill			Psychopath			Subnormal			Severely Subnormal			Totals							
	Under Age 16		16 and over	Under age 16		16 and over	Under age 16		16 and over	Under age 16		16 and over	Under age 16		16 and over					
	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	F				
Awaiting residence in L.A. home/hostel	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
(e) Resident at L.A. expense in private residential home										N I L										
(f) Resident at L.A. expense by boarding out in private home										N I L										
(g) Receiving home visits & not inc. under (a) to (f)										N I L										
(h) Others (including not yet visited)									2	1	2	4								
(i) No. of patients involved at (a) to (h)										N I L										
4 No. of patients in L.H.A. area on waiting list for admission to hospital at 31.12.60 :									9	3	12	20								

TABLE XI (Continued)

	Mentally Ill						Psychopath						Subnormal						Severely Subnormal						Totals					
	Under Age 16			16 and over			Under age 16			16 and over			Under age 16			16 and over			Under age 16			16 and over			Under age 16			16 and over		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
(a) In urgent need of hospital care	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)			(17)	(18)										
(b) Not in urgent need of hospital care																														
5. No. of Patients admitted temporarily for residential care during 1960																														
(a) To N.H.S. Hospitals																														
(b) Elsewhere																														

BLIND PERSONS

Number of blind persons on register on 31st December, 1960 — 89

Age:	1-10	11-20	21-30	31-39	40-59	60-69	70-	Total
males	1	—	—	4	11	5	17	38
females	—	—	1	1	5	7	37	51

Follow up of registered blind and partially blind persons :

	Cause of Disability :			
	Cataract	Glaucoma	Retrolental Fibroplasia	Others
Number of cases registered during the year in respect of which para F(1) of Forms O.S recommends :—				
(a) No treatment	—	—	—	4
(b) Treatment (medical, surgical or optical) ..	1	3	—	—
Number of cases at (1)(b) above which on following up have received treatment ..	—	1	—	—

Nine cases have died since the 31st December, 1959.

OPHTHALMIA NEONATORUM

No cases were notified during the year.

DENTAL TREATMENT

Number of children under school age treated by Dentists School Clinics:—

Number of children examined	...	...	...	...	294
Number of children requiring treatment	...	...	...	...	167
Number of children treated	...	...	...	...	82

There were no maternity cases referred for dental treatment to the Dental Staff of the Council. Local dental practitioners are asked to give priority treatment to expectant and nursing mothers, but the mothers prefer to continue any treatment with their own dentists.

ANTE-NATAL AND POST-NATAL CLINICS

Ante-natal Clinics were held by Consultants by arrangement with the Regional Hospital Board at:—

Blaenau Ffestiniog	...	...	1st and 3rd Mondays in each month
Dolgellau	...	...	2nd and 4th Mondays in each month
Towyn	...	...	Last Wednesday in each month
Bala	...	...	Second Wednesday in each month

Attendances at the Ante-natal Clinics were as follows:—

	<i>Maternity</i>			<i>Gynaecology</i>		<i>Total</i>
	<i>New</i>	<i>Old</i>	<i>Post-natal</i>	<i>New</i>	<i>Old</i>	
Bl. Ffestiniog	168	463	44	30	23	
Dolgellau ..	37	59	6	75	82	
Bala... ..	45	—	—	—	—	
<i>Total</i> ..	250	522	50	105	105	1

The figures for the Towyn Clinic were not available.

TABLE XII.

Number of Midwives practising in the area of the Local Supervising Authority on 31st December, 1960

	<i>Domi- ciliary Midwives</i>	<i>Midwives in Institu- tions</i>	<i>Total</i>
) Midwives employed by the Authority ..	19	—	19
) Midwives employed by Voluntary Organisations :—			
(i) Under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act, 1946	—	—	—
(ii) Otherwise (including hospitals not transferred to the Minister under the National Health Service Act)	—	4	4
Midwives employed by Hospital Management Committees or Boards of Governors under the National Health Service Act :—			
(i) Under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act, 1946	—	—	—
(ii) Otherwise	—	5	5
Midwives in Private Practice (including Midwives employed in Nursing Homes)	—	—	—
<i>Totals</i>	19	9	28

TABLE XIII.

Number of deliveries attended by Midwives in the area during the year 1960

		DOMICILIARY CASES					Cases in Insti- tutions
		Doctor not booked		Doctor booked		Totals	
		Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Doctor present at time of de- livery of child	Doctor not present at time of delivery of child		
(a)	Midwives employed by the Authority ..	3	25	16	23	67	—
(b)	Midwives employed by Voluntary Organi- sations :—						
	(i) Under arrangements with the Local Health Authority in pursuance of Sec- tion 23 of the National Health Service Act, 1946	—	—	—	—	—	—
	(ii) Otherwise (including Hospitals not transferred to the Minister under the National Health Service Act)	—	—	—	—	—	80
(c)	Midwives employed by Hospital Manage- ment Committees Boards of Governors under the National Health Service Act ..	—	—	—	—	—	108
(d)	Midwives in Private Practice (inc. Mid- wives employed in Nursing Homes) ..	—	—	—	—	—	—
Total		3	25	16	23	67	188

Number of cases delivered

MATERNITY OUTFITS

75 outfits were issued during the year. The outfits are issued free of cost to domiciliary cases.

DOMESTIC HELP SERVICE

Number of Home Helps employed on 31st December, 1960:—

Full-time —

Part-time 50

A total of 123 Home Helps were employed during the Year. Number of cases for whom Home Helps were provided during the year:—

(a) Maternity (including expectant mothers) 1

(b) Tuberculosis 1

(c) Chronic Sick including aged and infirm 92

(d) Others 20

The majority of cases for whom there is a demand for Home helps are the chronic sick, aged and infirm. Several of these cases could not be able to reside at home without such help.

GAS AND AIR ANALGESIA

Number of Midwives practising in the area who are qualified to administer gas and air analgesia 19

Number of cases in which Gas and air was administered by midwives in Domiciliary Practice during the year:—

(a) When a Doctor was present at the time of the delivery of the child 7

(b) When a Doctor was not present at time of delivery of child 30

CHILD WELFARE CENTRES

There was a slight decrease in the total attendances at the fourteen Centres in comparison with the previous year, but an encouraging sign was that more children under one year of age attended this year, and the total number of children under five years of age who attended also showed an increase on the previous year. The Medical Officers for the clinics are, with one exception, local Medical Practitioners, the exception being the clinic at Abertillery, where Dr Richards, the Assistant County Medical Officer of Health is the Medical Officer.

WELFARE FOODS

Welfare Foods are available at the Welfare Clinics throughout the County. They are also distributed by Local Volunteers at various centres in the County, and we are indebted to these Volunteers for undertaking this valuable work.

The following Welfare Foods were distributed at the Centres during the year:—

National Dried Milk	...	...	...	...	...	...	14036
Cod Liver Oil	...	...	...	...	...	...	2312
Orange Juice	...	...	...	...	...	...	1134
A. and D. Tablets	...	...	...	...	...	...	11879

INFANT WELFARE CENTRES—TABLE XIV

Clinic :	No. of sessions held	No. of children who first attended a centre during the year who were under 1 year of age	No. of children who attended during the year, and who were born in:				Total No. of children who attended during the year	No. of attendances during the year made by children who at the date of attendance were :				Total attendances during the year
			1960	1959	1958-55			Under 1 year	1 year & under 2	2 years & under 5		
Aberdovey	12	8	7	14	35	56	78	69	107	254		
Abergynolwyn	11	2	2	2	11	15	12	3	66	81		
Bala	25	47	42	30	8	80	329	28	3	360		
Barnmouth	25	37	28	29	53	110	404	109	93	606		
Corris	11	16	15	25	30	70	151	79	80	310		
Corwen	11	25	17	15	6	48	90	23	10	123		
Dolgellau	22	41	27	33	33	93	235	78	61	374		
Dyffryn	12	6	4	7	17	28	27	18	56	101		
Bl. Ffestiniog	12	5	4	17	14	35	88	36	11	135		
Llan Ffestiniog	24	54	43	53	22	118	454	100	32	586		
Harlech	11	35	26	26	47	99	170	68	39	277		
Penrhyndeudraeth	24	32	22	24	23	69	342	118	143	603		
Towyn	23	14	42	43	50	135	368	165	175	708		
Trawsfynydd	12	22	16	16	20	52	72	36	35	143		
Total	235	371	295	334	369	998	2820	930	911	4661		

TABLE XV.—LIVE BIRTHS

	Total Registered births	Total notified births	Domiciliary Cases						Cases in Institution within the County
			Doctor not booked			Doctor booked			
			Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Total	Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Total	
County of Merioneth	590	256	3	26	16	23	68	185	
Total Urban Districts	265	213	2	9	9	5	25	185	
Total Rural Districts	325	43	1	17	7	18	43	—	
Urban Districts :									
Bala	24	9	1	3	3	2	9	—	
Barmouth ..	35	47	—	—	—	—	—	47	
Dolgellau ..	33	81	—	1	—	—	1	80	
Ffestiniog ..	116	13	1	4	5	3	13	—	
Towyn	57	63	—	1	1	—	2	61	
Rural Districts :									
Deudraeth ..	110	18	1	6	5	6	18	—	
Dolgellau ..	94	4	—	3	1	—	4	—	
Edeyrnion ..	68	19	—	7	1	11	19	—	
Penllyn	53	2	—	1	—	1	2	—	

Giving the birth rate per 1,000 of population for the decennial period 1951-1960 in England and Wales and the County, and County Districts

Col. 1	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	2	3	4	5	6	7	8	9	10	11
England and Wales..	15.5	15.3	15.3	15.2	15.0	15.6	16.1	16.4	16.5	17.1
County of Merioneth	13.82	13.00	14.81	12.76	13.20	13.79	13.69	13.99	14.82	15.07
Total Urban Districts	14.66	13.50	16.53	13.58	13.55	15.84	13.78	14.55	14.73	15.32
Total Rural Districts	13.19	12.63	13.51	12.13	12.93	12.30	13.61	13.54	14.88	14.87
Urban Districts :										
Bala ..	14.79	13.84	26.22	18.00	15.23	19.11	14.74	21.93	12.90	15.19
Barmouth ..	18.60	14.87	15.09	9.87	15.02	18.03	9.52	15.21	14.28	15.15
Dolgellau ..	12.22	11.56	19.06	14.62	14.34	14.86	14.91	16.59	13.36	13.31
Ffestiniog ..	14.55	11.79	13.60	12.76	11.03	16.67	15.10	14.46	16.33	17.57
Towyn ..	14.06	16.41	17.10	14.67	15.56	12.79	13.07	10.36	13.99	13.19
Rural Districts :										
Deudraeth ..	14.48	12.10	13.68	13.7	14.46	14.01	13.18	13.98	16.04	16.36
Dolgellau ..	10.51	9.38	12.39	9.8	10.38	9.39	10.84	12.79	12.14	11.39
Edeyrnion ..	17.22	18.91	14.07	16.02	16.06	11.27	18.58	12.75	17.69	16.38
Penllyn ..	13.58	15.30	16.08	10.10	12.98	19.93	16.00	15.81	15.80	19.41

TABLE XVII.

Showing the number of births, and the birth rates in the County, and in the County Districts with the number of Illegitimate Births with the percentage of total births for the year 1960.

	<i>No. of Births registered 1960</i>			<i>Birth rate per 1,000 of estimated populat- tion</i>	<i>Illegitimate births</i>	
	<i>Males</i>	<i>Females</i>	<i>Total</i>		<i>No.</i>	<i>Per- cent of total births</i>
<i>Col. 1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
County of Merioneth	302	288	590	15.07	26	4.4
Total Urban Districts	141	124	265	15.32	11	4.1
Total Rural Districts	161	164	325	14.87	15	4.6
Urban Districts :						
Bala	11	13	24	15.19	—	—
Barnmouth	18	17	35	15.15	—	—
Dolgellau	16	17	33	13.31	1	3.0
Ffestiniog	54	62	116	17.57	7	6.0
Towyn	42	15	57	13.19	3	5.2
Rural Districts :						
Deudraeth	55	55	110	16.36	6	5.4
Dolgellau	50	44	94	11.39	5	5.3
Edeyrnion	34	34	68	16.38	2	2.9
Penllyn	22	31	53	19.41	2	3.7

Giving the number of Still Births registered and notified with certain "still birth" rates, 1960

	No. of Still Births in Registrar General's Return	No. of cases of still births notified within the County by				N'o. of cases attended by Doctor and State Cert. Mids. in County	Still Birth Rates	
		Doctor	State Certified Midwives	Registrar of Births	per 1,000 population		per 1,000 Births—Live and Still Birth	
					3		4	5
Col. 1	2				6			
County of Merioneth	8		1	—	1	0.20	13.39	
Total Urban Districts	5	—	—	—	—	0.28	18.51	
Total Rural Districts	3	—	1	—	1	0.13	9.14	
Urban Districts :								
Bala ..	—	—	—	—	—	—	—	
Barmouth ..	—	—	—	—	—	—	—	
Dolgellau ..	—	—	—	—	—	—	—	
Ffestiniog ..	5	—	—	—	—	0.75	41.32	
Towyn..	—	—	—	—	—	—	—	
Rural Districts :								
Deudraeth ..	2	—	1	—	1	0.29	17.85	
Dolgellau ..	—	—	—	—	—	—	—	
Edeyrnion ..	1	—	—	—	—	0.24	14.49	
Penlllyn ..	—	—	—	—	—	—	—	

TABLE XIX.

Showing the number of Health Visits paid by part-time Health Visitors.

<i>Districts :</i>	<i>Visits to Children 0-1 years of age</i>		<i>Visits to children 1-5 years of age</i>	<i>Total Health visits to children 0-5 years</i>
	<i>Primary visits</i>	<i>Total visits</i>		
Aberdovey	14	94	173	267
Bala	65	309	586	895
Barinouth	40	263	372	635
Blaenau Ffestiniog ..	75	478	873	1351
Corris	10	92	139	231
Corwen	65	439	602	1041
Dinas Mawddwy ..	10	124	98	222
Dolgellau	58	384	642	1026
Dyffryn	12	81	158	239
Celynin	11	87	106	193
Ffestiniog	27	165	379	544
Harlech	34	192	241	433
Llanegryn	9	61	102	163
Penrhyndeudraeth ..	33	245	411	656
Towyn	38	252	358	610
Trawsfynydd	25	142	257	399
<i>Total</i>	526	3408	5497	8905

" No access " visits—537

TABLE XX—HOME NURSING

Col. 1	Medical		Surgical		Infectious Diseases		Tuberculosis		Maternal Complications		Others		Totals		Patients in- cluded in 2-7 who were 65 or over at time of first visit during the year		Children in- cluded in 2-7 who were under 5 years of age at time of first visit during the year		Patients in- cluded in 2-7 who have had more than 24 visits during year	
	2	3	4	5	6	7	8	9	10	11										
Number of cases attended by Nurses during the year	1789	382	7	9	30	77	2294	921	198	313										
Number of visits paid by Nurses during the year . .	29627	6029	54	272	166	247	36395	19881	921	20243										

TABLE XXI.
INFANT MORTALITY, 1960

		Number of deaths of Infants at the different age periods											Infant mortality rate per 1,000
		Under one week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks (1 month)	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 2—12 months	Total under 12 months	
<i>Col. 1</i>		2	3	4	5	6	7	8	9	10	11	12	13
County of Merioneth		6	1	—	—	7	2	—	—	1	3	10	16
Total Urban Districts :		4	1	—	—	5	2	—	—	1	3	8	30
Total Rural Districts		2	—	—	—	2	—	—	—	—	—	2	6.
Urban Districts :													
Bala		—	—	—	—	—	—	—	—	—	—	—	—
Barmouth		—	—	—	—	—	—	—	—	—	—	—	—
Dolgellau		—	—	—	—	—	1	—	—	—	1	1	30
Ffestiniog		3	—	—	—	3	1	—	—	—	1	4	34
Towyn		1	1	—	—	2	—	—	—	1	1	3	5.
Rural Districts :													
Deudraeth		—	—	—	—	—	—	—	—	—	—	—	—
Dolgellau		1	—	—	—	1	—	—	—	—	—	1	10
Edeyrnion		1	—	—	—	1	—	—	—	—	—	1	14
Penllyn		—	—	—	—	—	—	—	—	—	—	—	—

Showing the causes of death of Infants who died under one year of age in the several County Districts in the County.

<i>Cause of death</i>	<i>URBAN AREAS</i>						<i>RURAL AREAS</i>					<i>Grand Total</i>
	<i>Bala</i>	<i>Barmouth</i>	<i>Dolgellau</i>	<i>Ffestiniog</i>	<i>Towyn</i>	<i>Total</i>	<i>Dendraeth</i>	<i>Dolgellau</i>	<i>Edeyrnion</i>	<i>Penllyn</i>	<i>Total</i>	
<i>Col. 1</i>	2	3	4	5	6	7	8	9	10	11	12	13
1. Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—
2. Pneumonia	—	—	—	—	1	1	—	—	—	—	—	1
3. Gastritis	—	—	—	—	—	—	—	—	—	—	—	—
4. Congenital malformations	—	—	—	1	—	1	—	—	—	—	—	1
5. Prematurity	—	—	—	2	1	3	—	—	1	—	1	4
6. Other defined or illdefined causes	—	—	—	1	1	2	—	1	—	—	1	3
7. All other accidents.. ..	—	—	1	—	—	1	—	—	—	—	—	1
<i>Total</i>	—	—	1	4	3	8	—	1	1	—	2	10

TABLE XXIII

Giving the causes of deaths of Infants under one year of age, and ages at death.

Causes of Death :	Number of deaths of infants at the sever age periods										
	Under one week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks (1 month)	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 2—12 months	Total under 12 months
Col. 1	2	3	4	5	6	7	8	9	10	11	12
1. Bronchitis	—	—	—	—	—	—	—	—	—	—	—
2. Pneumonia	—	—	—	—	—	—	—	—	1	1	1
3. Gastritis	—	—	—	—	—	—	—	—	—	—	—
4. Congenital malformations	1	—	—	—	1	—	—	—	—	—	—
5. Prematurity	4	—	—	—	4	—	—	—	—	—	—
6. Other defined or ill-defined causes	1	1	—	—	2	1	—	—	—	1	—
7. All other accidents	—	—	—	—	—	1	—	—	—	1	—
<i>Total</i>	6	1	—	—	7	2	—	—	1	3	1

	Scarlet Fever				Diphtheria			Whooping Cough				Measles		Puerperal Pyrexia	Acute Pneumonia	Erysipelas
	No. of Cases	Incidence per 1,000 population	No. of Deaths	No. of Cases	No. of Cases	Incidence per 1,000 population	No. of Deaths	No. of Cases	Incidence per 1,000 population	No. of Deaths	No. of Cases	Incidence per 1,000 population	No. of Deaths			
Col. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
County of Merioneth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total Urban Districts	3	0.07	—	—	—	—	4	0.10	—	161	4.11	—	—	9	1	..
Total Rural Districts	3	0.17	—	—	—	—	4	0.23	—	77	4.45	—	—	2	1	..
Urban Districts :	—	—	—	—	—	—	—	—	—	84	3.84	—	—	7	1	..
Bala...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	..
Barmouth	—	—	—	—	—	—	3	1.89	—	25	15.82	—	—	1	—	..
Dolgellau	—	—	—	—	—	—	47	20.34	—	—	—	—	—	—	—	..
Ffestiniog	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	..
Towyn	—	—	—	—	—	—	1	0.15	—	5	0.75	—	—	—	—	..
Rural Districts :	3	0.69	—	—	—	—	—	—	—	—	—	—	—	1	—	..
Deudraeth	—	—	—	—	—	—	—	—	—	69	10.26	—	—	3	1	..
Dolgellau	—	—	—	—	—	—	—	—	—	9	1.09	—	—	1	—	..
Edeyrnion	—	—	—	—	—	—	—	—	—	4	0.96	—	—	—	—	..
Penllyn ..	—	—	—	—	—	—	—	—	—	2	0.73	—	—	3	—	..

TUBERCULOSIS

There were only 39 cases of Tuberculosis notified during the year compared with 47 the previous year, however, the death rate from all forms of Tuberculosis rose from 0.10 to 0.25 per 1,000 of population.

The following Table shows the number of cases on the register at the end of the year:—

	<i>Pulmonary</i>		<i>Non-pulmonary</i>	
	<i>Males</i>	<i>Females</i>	<i>Males</i>	<i>Females</i>
Bala U.D.	10	5	1	—
Barnmouth U.D.	7	5	4	3
Dolgellau U.D.	14	8	1	3
Ffestiniog U.D.	77	46	7	9
Towyn U.D.	7	13	2	4
Deudraeth R.D.	46	42	2	3
Dolgellau R.D.	41	26	4	6
Edeyrnion R.D.	19	13	4	1
Penllyn R.D.	6	3	1	—
<i>Total</i>	227	161	26	29

B.C.G. VACCINATION

195 children had skin tests at Chest Clinics, of these 85 were found to be negative and 79 of them were vaccinated. Owing to the illness of the Principal School Medical Officer for the greater part of the year it was not found possible to carry out skin tests at schools.

TABLE XXV.

Showing the number of deaths from Tuberculosis in the several County Districts, with the "phthisis" death rate and the total tuberculosis rate per 1,000 of population.

Col. 1	Deaths from Tuberculosis 1960		Death rates per 1,000 of population	
	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Phthisis Death rate	Total Tuberculosis Death rate
	2	3	4	5
County of Merioneth ..	9	1	0.23	0.25
Urban Districts ..	8	1	0.46	0.52
Rural Districts ..	1	—	0.05	0.05
Urban Districts :				
Bala	—	—	—	—
Barmouth	—	—	—	—
Dolgellau	1	—	0.40	0.40
Ffestiniog	6	1	0.91	1.06
Towyn	1	0	0.23	0.23
Rural Districts :				
Deudraeth	1	—	0.15	0.15
Dolgellau	—	—	—	—
Edeyrnion	—	—	—	—
Penllyn	—	—	—	—

TABLE XXVI

Showing the total Tuberculosis Death Rate for the decennial period 1951-1960

		<i>Total Tuberculosis death rate per 1,000 of population</i>									
		1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
<i>Col. 1</i>		2	3	4	5	6	7	8	9	10	11
County of Merioneth	..	0.49	0.39	0.49	0.37	0.50	0.34	0.15	0.21	0.10	0.25
Total Urban Districts	..	0.62	0.46	0.80	0.52	0.86	0.52	0.23	0.41	0.17	0.52
Total Rural Districts	..	0.38	0.34	0.26	0.26	0.22	0.21	0.09	0.05	0.04	0.05
Urban Districts :											
Bala	..	—	—	—	—	0.66	—	—	—	—	—
Barnmouth	..	0.85	0.42	—	0.43	0.08	—	0.40	0.93	—	0.40
Dolgellau	..	—	0.80	—	—	—	0.08	0.46	0.24	0.45	1.06
Ffestiniog	..	1.31	0.59	2.09	1.05	0.18	0.10	—	—	—	0.23
Towyn	..	—	0.23	—	0.23	—	—	—	—	—	—
Rural Districts :											
Deudraeth	..	0.14	0.44	0.44	0.45	0.15	0.06	0.30	—	0.15	0.15
Dolgellau	..	0.43	0.21	0.22	0.23	0.44	0.10	—	—	—	—
Edeyrnion	..	0.24	0.73	—	0.24	—	—	—	0.24	—	—
Penllyn	..	0.71	—	0.36	—	—	—	—	—	—	—

Showing new cases of Tuberculosis and the total deaths from Tuberculosis in the County and the several districts.

		NEW CASES				DEATHS			
		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
		Males	Females	Males	Females	Males	Females	Males	Females
Col. 1		2	3	4	5	6	7	8	9
County of Merioneth		29	8	2	—	6	3	1	—
Total Urban Districts :		18	6	1	—	5	3	1	—
Total Rural Districts		11	2	1	—	1	—	—	—
Urban Districts :									
Bala		1	—	1	—	—	—	—	—
Barmouth		1	—	—	—	—	—	—	—
Dolgellau		4	—	—	—	—	1	—	—
Ffestiniog		12	4	—	—	5	1	1	—
Towyn		—	2	—	—	—	1	—	—
Rural Districts :									
Deudraeth		6	1	—	—	1	—	—	—
Dolgellau		4	1	—	—	—	—	—	—
Edeyrnion		1	—	1	—	—	—	—	—
Penllyn		—	—	—	—	—	—	—	—

TABLE XXVIII

New cases and total deaths from Tuberculosis during the year 1960 in various age groups.

Age Periods		NEW CASES				DEATHS			
		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
		Males	Females	Males	Females	Males	Females	Males	Females
	Col. 1	2	3	4	5	6	7	8	9
0	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..
2	..	1	..	..	..	..	..	..	..
3	..	..	..	..	..	..	..	..	..
10	..	..	1	..	..	..	..	..	..
15	..	1	2	1	..	..	..	..	..
20	..	2	..	..	..	1	..	..	..
25	..	5	..	..	..	..	..	..	..
35	..	4	..	..	..	4	1	1	..
45	..	3	1	..	..	..	..	..	..
55	..	9	1	..	..	1	1	..	..
65	..	3	1	1	..	..	1	..	..
75	..	1	1	..	..	..	1	..	..
Totals		29	8	2	—	6	3	1	—

TABLE XXIX—FOOD AND DRUGS ACT, 1955

Articles :	Samples		Addulterated or not up to Standard		Nature of Adulteration or Irregularity	Observations and Particulars of Non-Genuine Samples	
	For- mal	In- formal	Total	For- mal		In- formal	Total
Milk	83	103	192	13	—	13	% Fat 3.8% 2.5% 2.85% 2.4% 2.25% 2.6%
Milk—Appeal to cow ..	2	—	2	—	—	—	% S.N.F. F.P. deg.C 9.3% 9.1% 9.0% 9.1% 9.3% 8.6%
							8.4% 8.35% 8.4% 8.4% 8.45% 8.3% 8.0%
							-0.536 -0.536 -0.545 -0.539 -0.540 -0.530 -0.564

TABLE XXIX—FOOD AND DRUGS ACT, 1955—Continued

TABLE XXIX—FOOD AND DRUGS ACT, 1935									
Articles :	Samples			Adulterated or not up to Standard			Nature of Adulteration or Irregularity	Observations and Particulars of Non-Genuine Samples	
	For- mal	In- formal	Total	For- mal	In- formal	Total			
Cheese	—	7	7	—	—	—	Deficient in meat content		
Butter	—	1	1	—	—	—			
Pork Sausages	1	8	9	—	1	1			
Sausage Meat	—	1	1	—	—	—			
Malt Vinegar	—	2	2	—	—	—	Mercury & Glass in sample		
Instant Coffee	—	2	2	—	—	—			
Meat Roll	—	1	1	—	—	—			
Sweets	—	3	3	—	1	1			
Ice Cream	—	6	6	—	—	—			
Fresh Cream.. .. .	—	1	1	—	—	—			
Minced meat	—	1	1	—	—	—			
Ginger Wine (Non-alcoholic)	—	1	1	—	—	—			
Ground Almonds	—	1	1	—	—	—			
Marzipan	—	1	1	—	—	—			

TABLE XXX.—Showing the ages at death from the several causes in Urban and Rural District:

Causes of death in the several County Districts 1960

RURAL DISTRICTS

CAUSE OF DEATH	Bala U.D.		Barmouth U.D.		Dolgellau U.D.		Ffestiniog U.D.		Towyn U.D.		Total Urban District		Deudraeth R.D.		Dolgellau		Edeyrnion		Penllyn		Total Rural Districts	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ALL CAUSES.	12	15	10	15	14	26	64	51	27	26	127	127	50	64	54	53	26	32	21	9	151	158
1. Tuberculosis, respiratory	—	—	—	—	—	1	5	1	—	1	5	3	1	—	—	—	—	—	—	—	1	—
2. Tuberculosis, other	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Syphilitic Disease	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
4. Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Meningococcal Infection	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Acute poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Other infective and parasitic diseases	—	—	—	—	—	—	1	—	—	—	1	—	—	2	—	—	—	—	—	—	—	2
10. Malignant neoplasm, stomach . . .	—	1	1	—	—	1	1	4	1	—	3	6	1	1	3	2	1	2	—	—	5	5
11. Malignant neoplasm, lung, bronchus .	—	—	1	—	—	—	3	1	—	—	4	1	2	1	4	—	1	1	—	—	7	2
12. Malignant neoplasm breast	—	—	1	—	—	1	—	1	—	1	—	4	—	3	—	2	—	1	—	—	—	6
13. Malignant neoplasm uterus	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	2
14. Other malignant and lymphatic neoplasms	1	1	—	2	—	2	2	6	2	2	5	13	2	4	9	4	2	3	1	—	14	11
15. Leukaemia, aleukaemia	—	—	—	—	—	2	—	—	—	—	2	—	—	—	—	—	1	—	—	—	—	—
16. Diabetes	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	1	—	—	—	—	—
17. Vascular lesions of nervous system .	—	6	1	4	2	5	13	13	1	10	17	38	8	12	7	15	2	6	4	2	21	35
18. Coronary disease, angina	2	—	2	—	1	1	8	2	5	2	18	5	7	6	4	4	6	2	3	—	20	12
19. Hypertension with heart disease . .	—	—	—	—	—	—	—	1	1	2	18	5	1	3	2	1	—	1	—	1	4	4
20. Other heart disease	3	5	1	7	1	5	7	5	6	2	18	24	12	20	6	14	2	5	5	5	25	44
21. Other circulatory disease	1	—	—	—	—	—	4	2	3	3	8	5	1	4	5	5	—	—	—	1	6	10
22. Influenza	—	—	—	—	—	—	1	—	—	—	4	1	—	1	—	—	—	—	—	—	—	—
23. Pneumonia	—	1	1	—	—	—	1	—	2	—	4	1	—	1	—	—	1	—	1	—	2	2
24. Bronchitis	1	—	3	1	—	5	3	—	3	—	15	3	5	3	2	—	1	1	1	—	9	4
25. Other diseases of respiratory system	1	—	—	—	—	—	3	—	—	—	4	—	3	—	1	—	—	1	—	—	4	1
26. Ulcer of stomach and duodenum . .	—	—	—	—	—	—	1	—	—	—	—	—	1	—	1	—	—	—	1	—	3	—
27. Gastritis, enteritis and diarrhoea . .	—	—	—	—	—	—	3	—	—	—	—	3	—	—	2	—	—	—	—	—	—	—
28. Nephritis and nephrosis	1	—	—	—	2	—	1	1	—	—	4	1	2	1	—	—	1	—	—	—	2	2
29. Hyperplasia of prostate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	1	—	—	—	3	—
30. Pregnancy, childbirth, abortion . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31. Congenital malformations	—	—	—	—	—	—	1	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—
32. Other defined and ill defined diseases	2	—	—	—	—	2	4	4	1	3	7	9	1	3	2	3	3	4	3	—	9	10
33. Motor vehicle accidents	—	1	—	—	—	—	—	1	—	—	1	1	—	—	1	—	3	—	—	—	4	—
34. All other accidents	—	—	—	—	1	—	6	—	—	—	7	1	1	1	4	—	2	—	2	—	9	1
35. Suicide	—	—	—	—	—	—	1	1	—	—	1	1	—	—	—	1	—	1	—	—	—	2
36. Homicide and operations of war . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

